

1/24

Normal Squamous Epithelial (Oral)

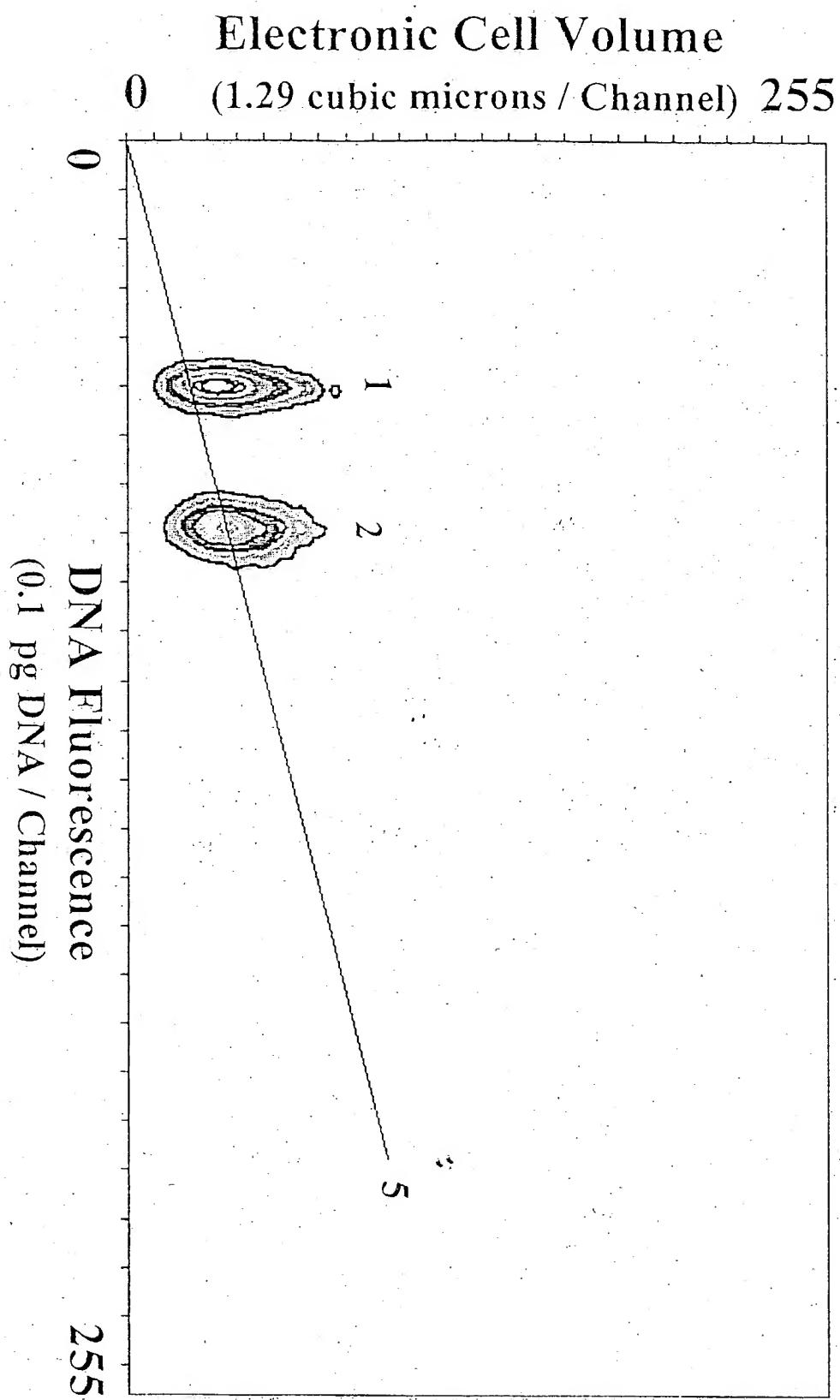


Figure 1a

Normal Intestine

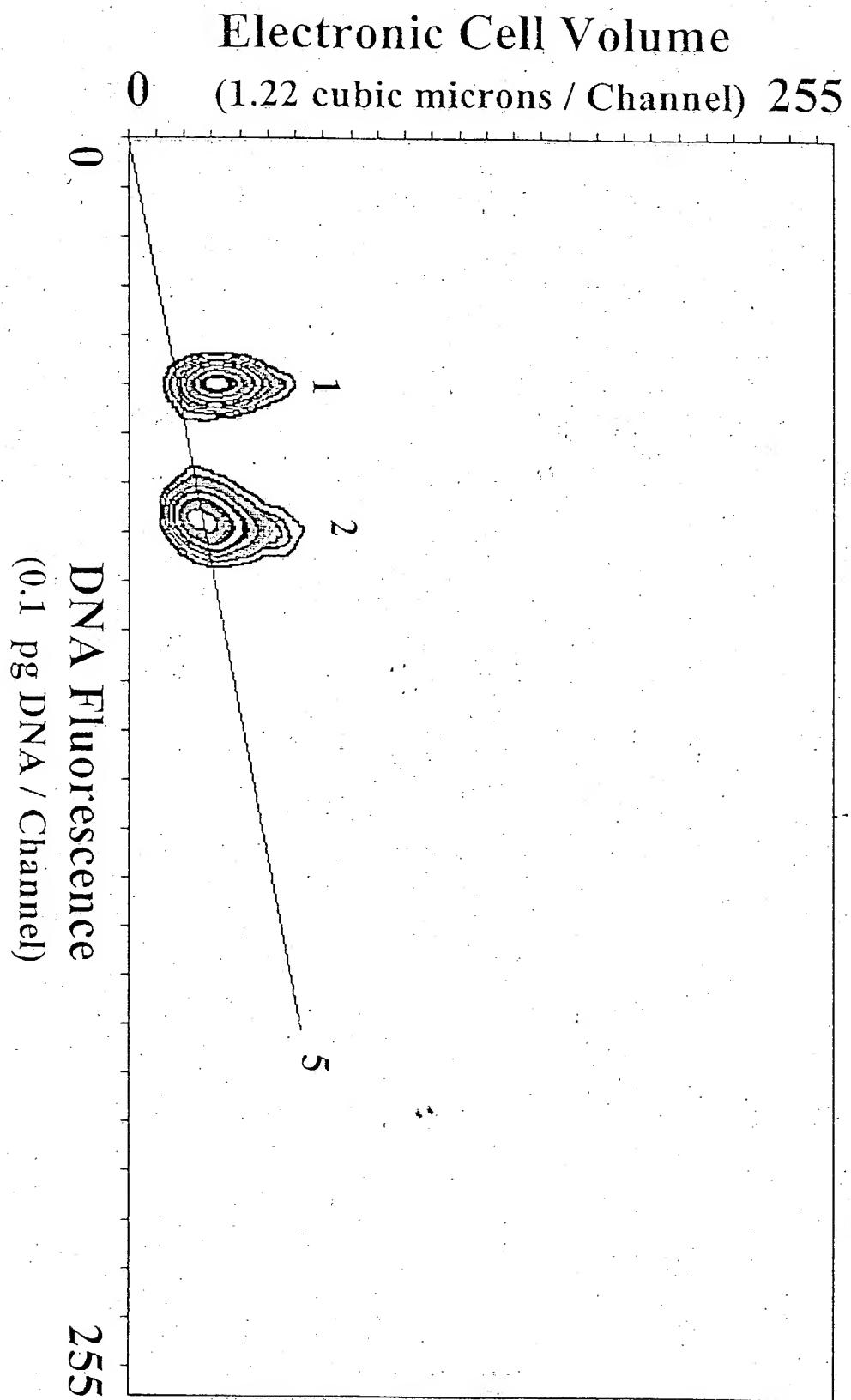


Figure 1b

3/24

Normal Thyroid

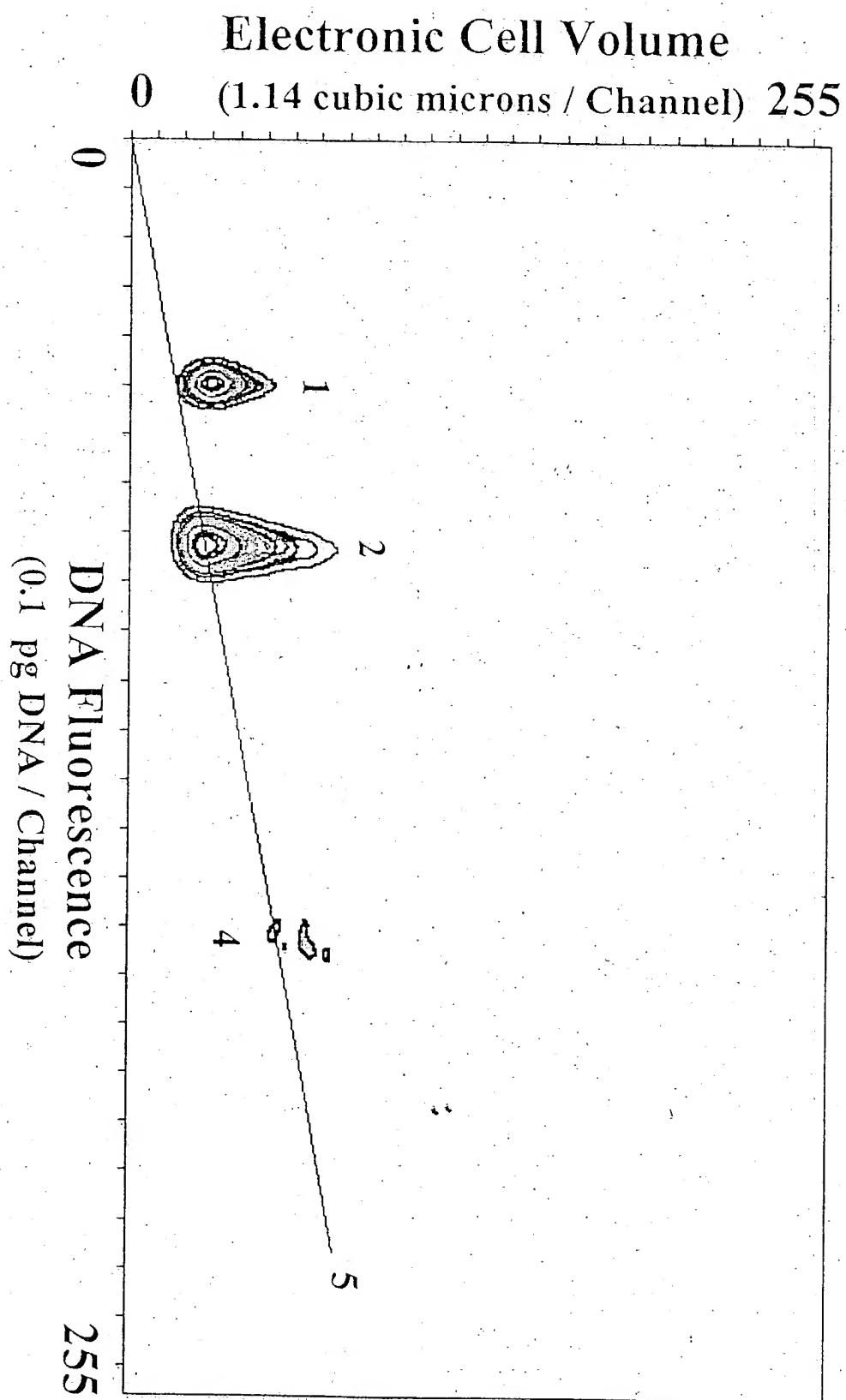
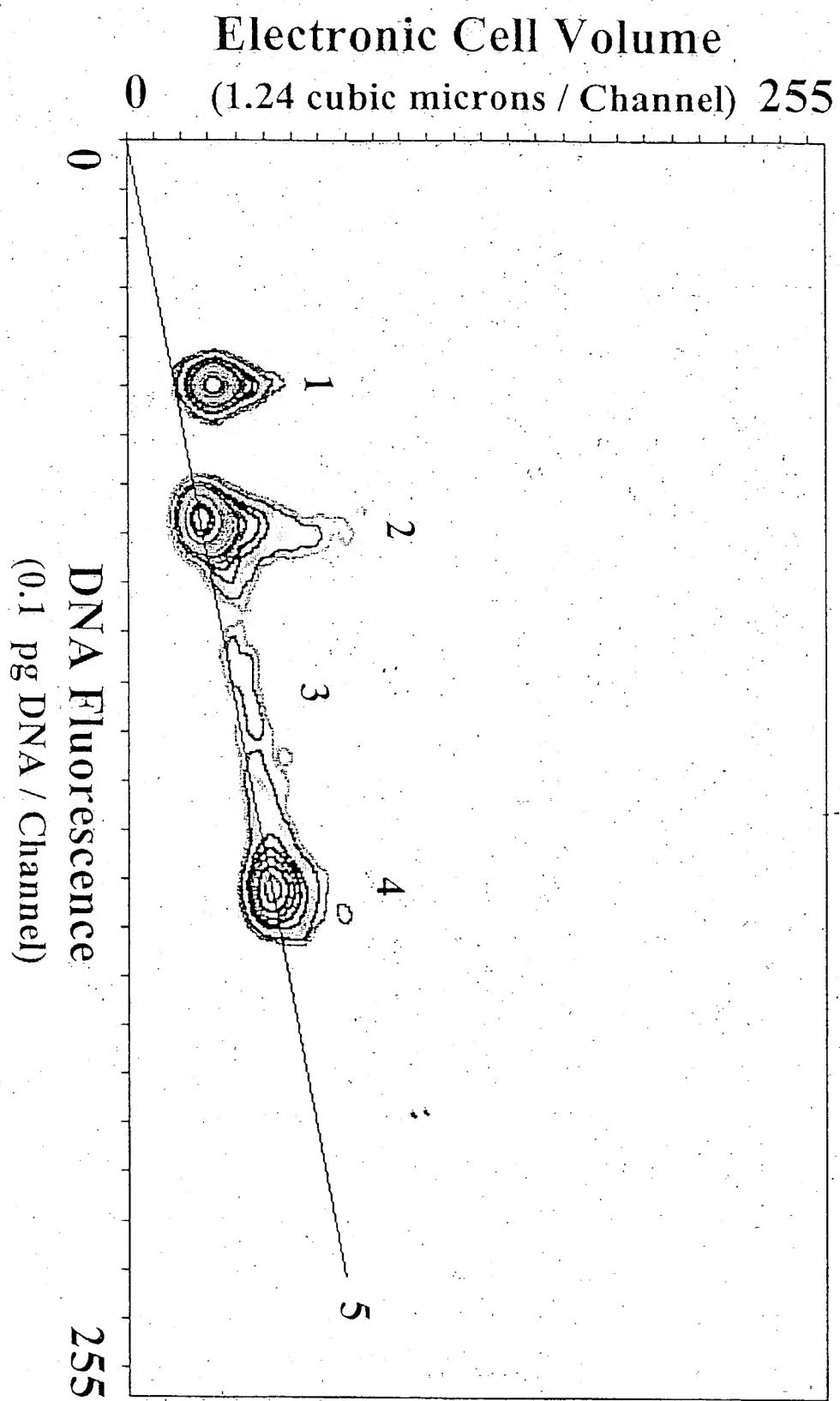


Figure 1c

4/24



Normal Lymph Node

Figure 2a

Title: Nuclear Packing Efficiency
Inventor: Richard A. Thomas
Filing Date: Herewith
Attorney Client-Matter No.: P-RT 3600
(858-535-9001)

5/24

Normal Lymph Node

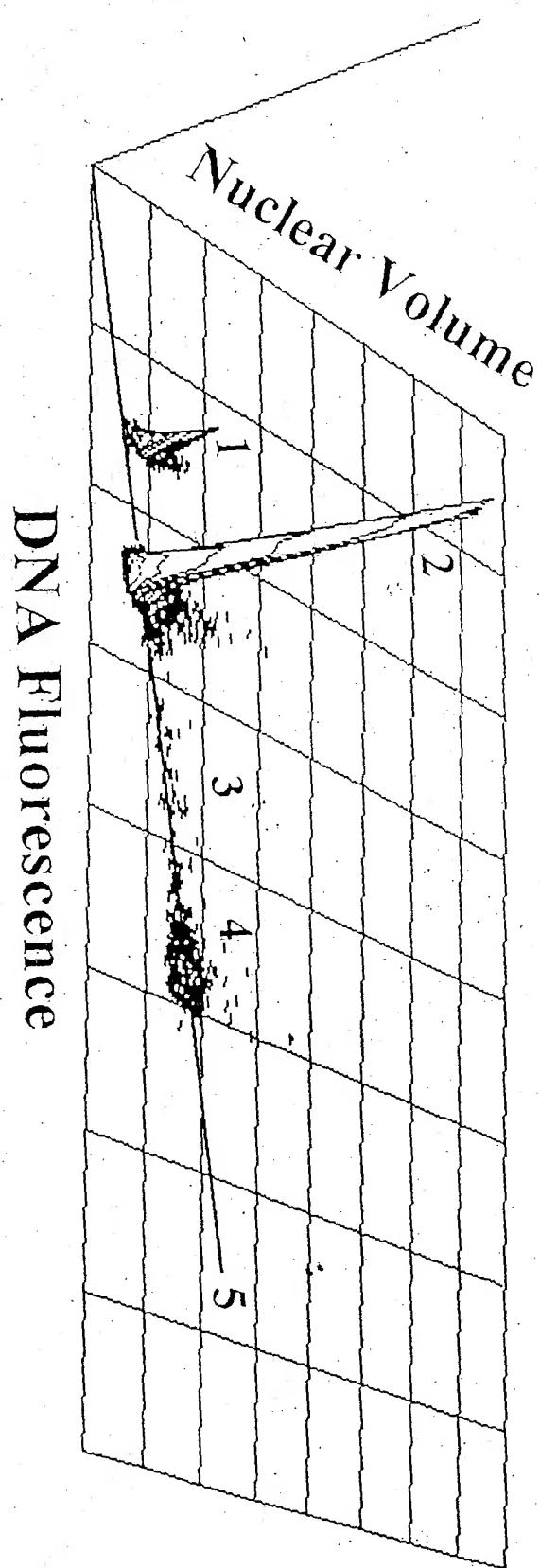


Figure 2b

6/24

Benign Breast Tumor

Electronic Cell Volume

0 (1.57 cubic microns / Channel) 255

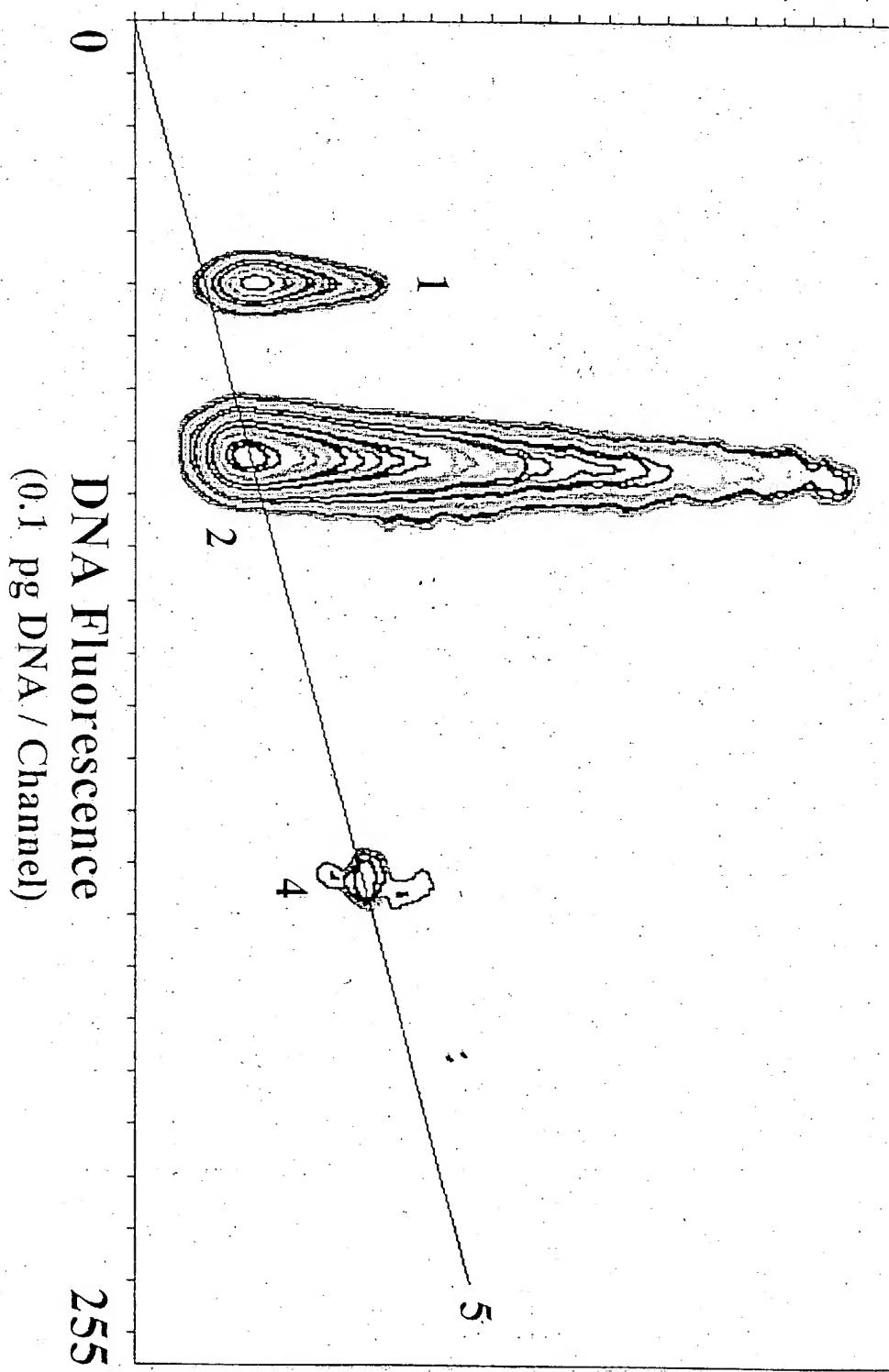


Figure 2c

7/24

Breast Cancer Primary Tumor 42

Electronic Cell Volume

0 (1.10 cubic microns / Channel) 255

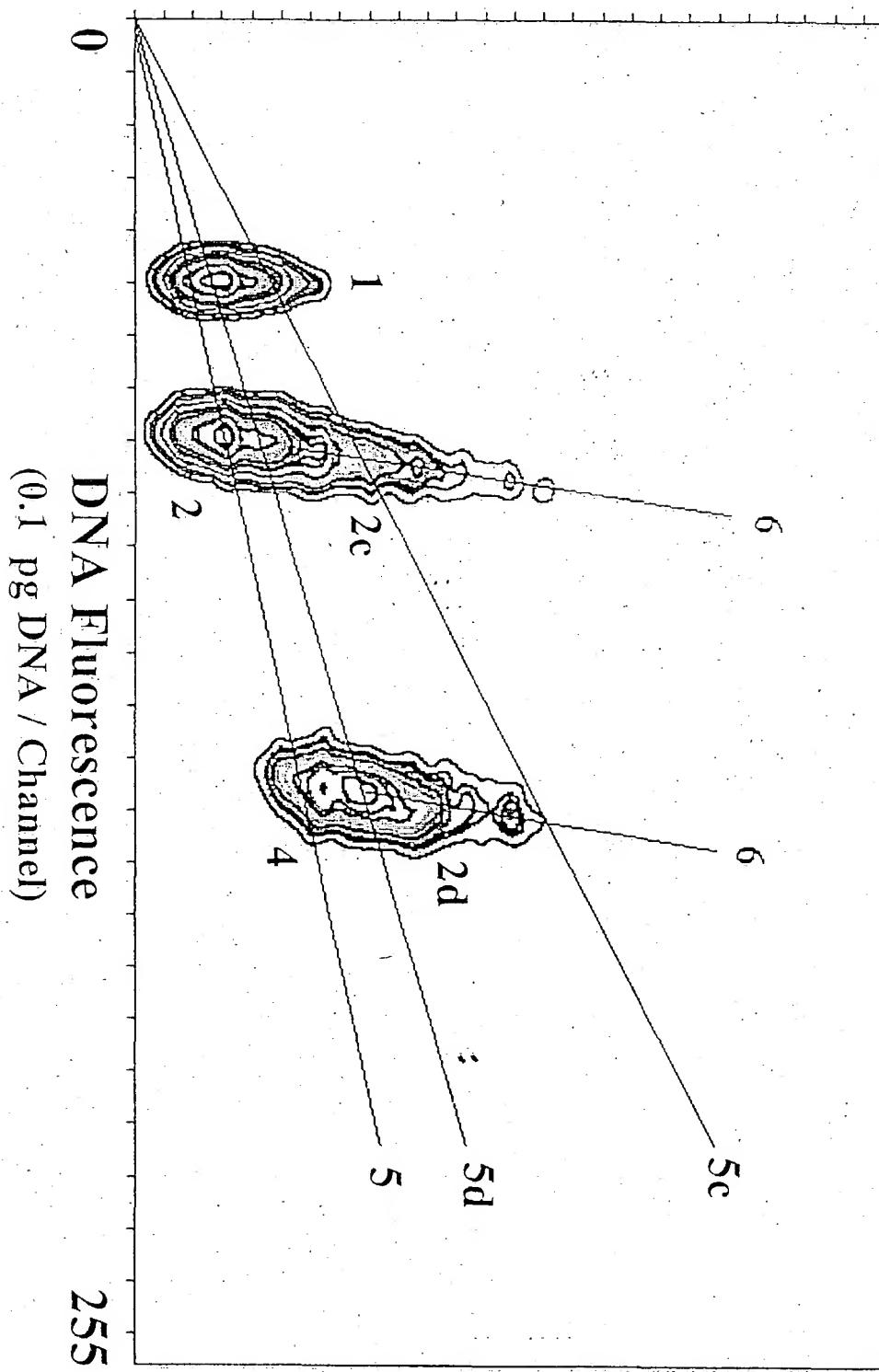


Figure 2d

8/24

Lymph Node Breast Metastasis

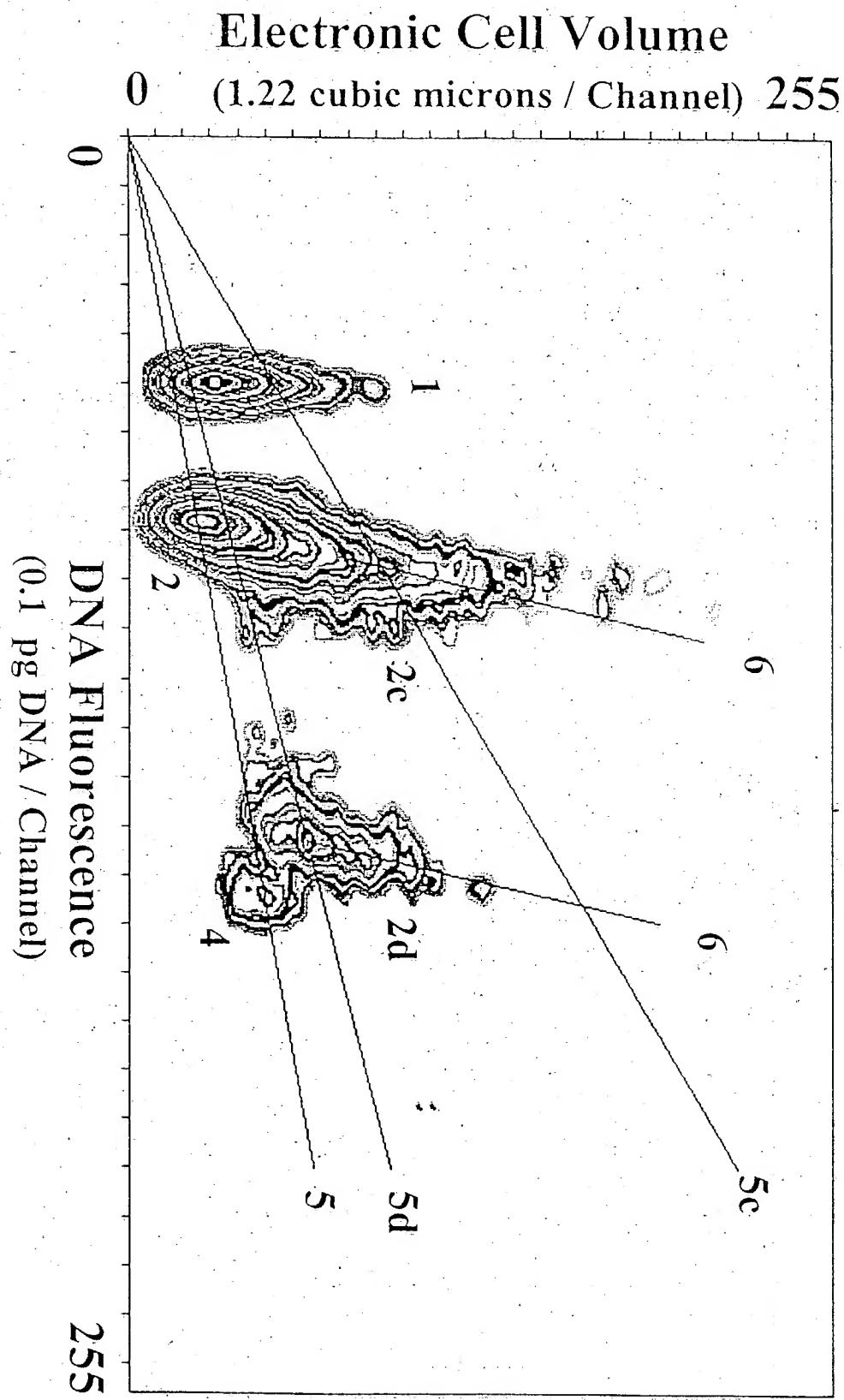


Figure 2e

9/24

Normal Blood Lymphocytes

Electronic Cell Volume

0 (1.27 cubic microns / Channel) 255

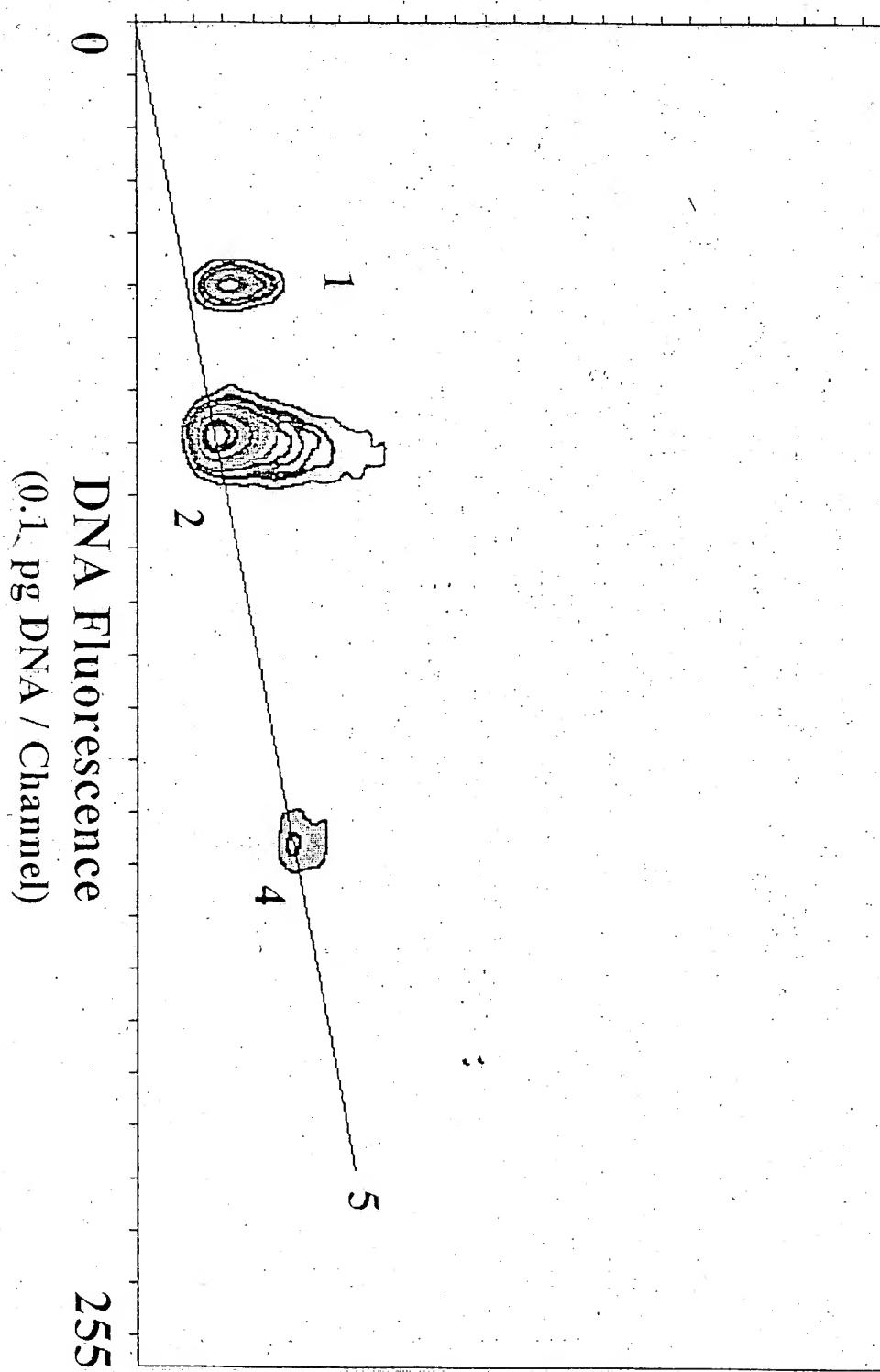


Figure 3a

Colon Cancer Primary Tumor 56

Title: Nuclear Packing Efficiency
Inventor: Richard A. Thomas
Filing Date: Herewith
Attorney Client-Matter No.: P-RT 3600
(858-535-9001)

10/24

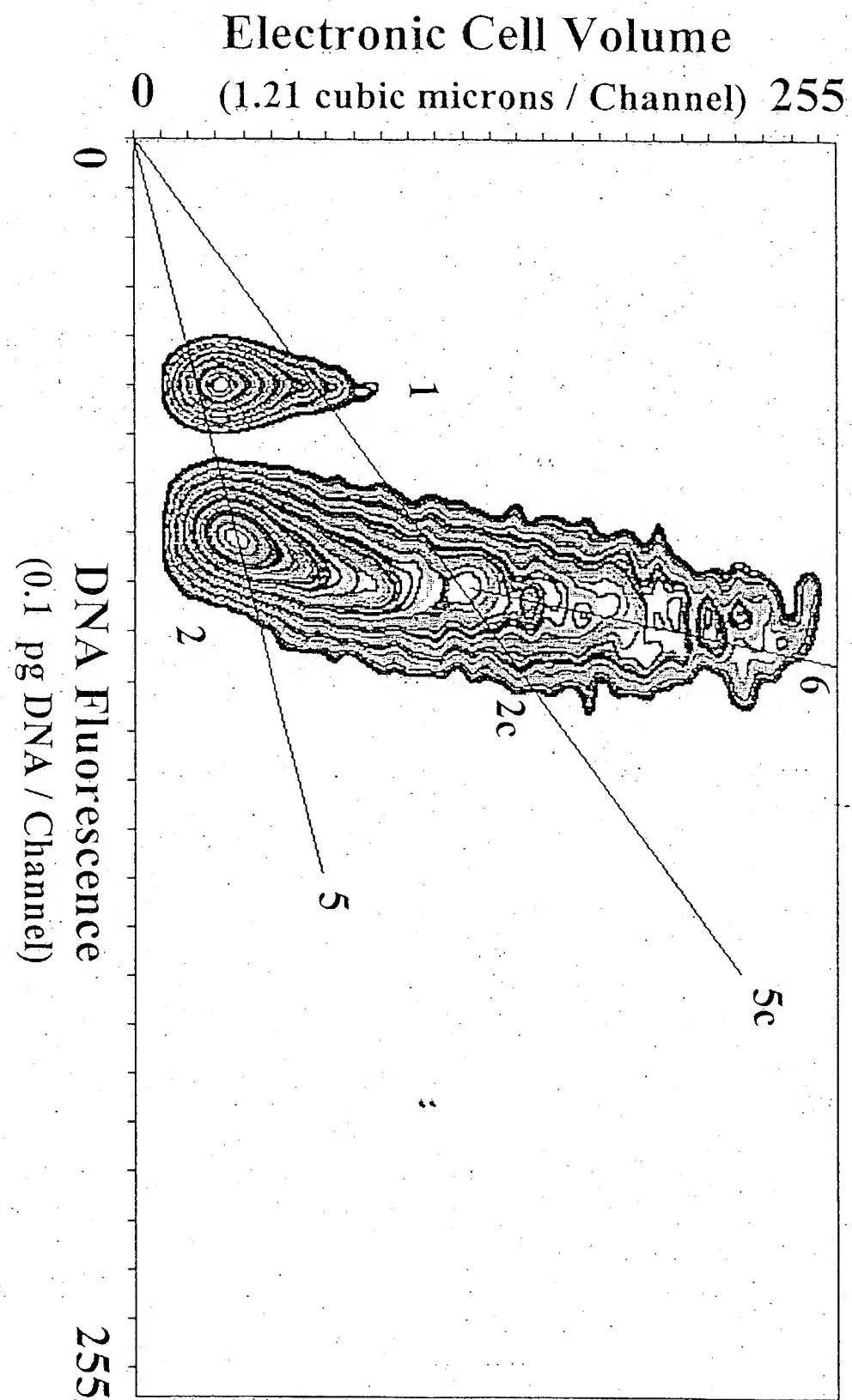


Figure 3b

Title: Nuclear Packing Efficiency
Inventor: Richard A. Thomas
Filing Date: Herewith
Attorney Client-Matter No.: P-RT 3600
(858-535-9001)

11/24

Colon Cancer Metastasis 56 End Point of Resection

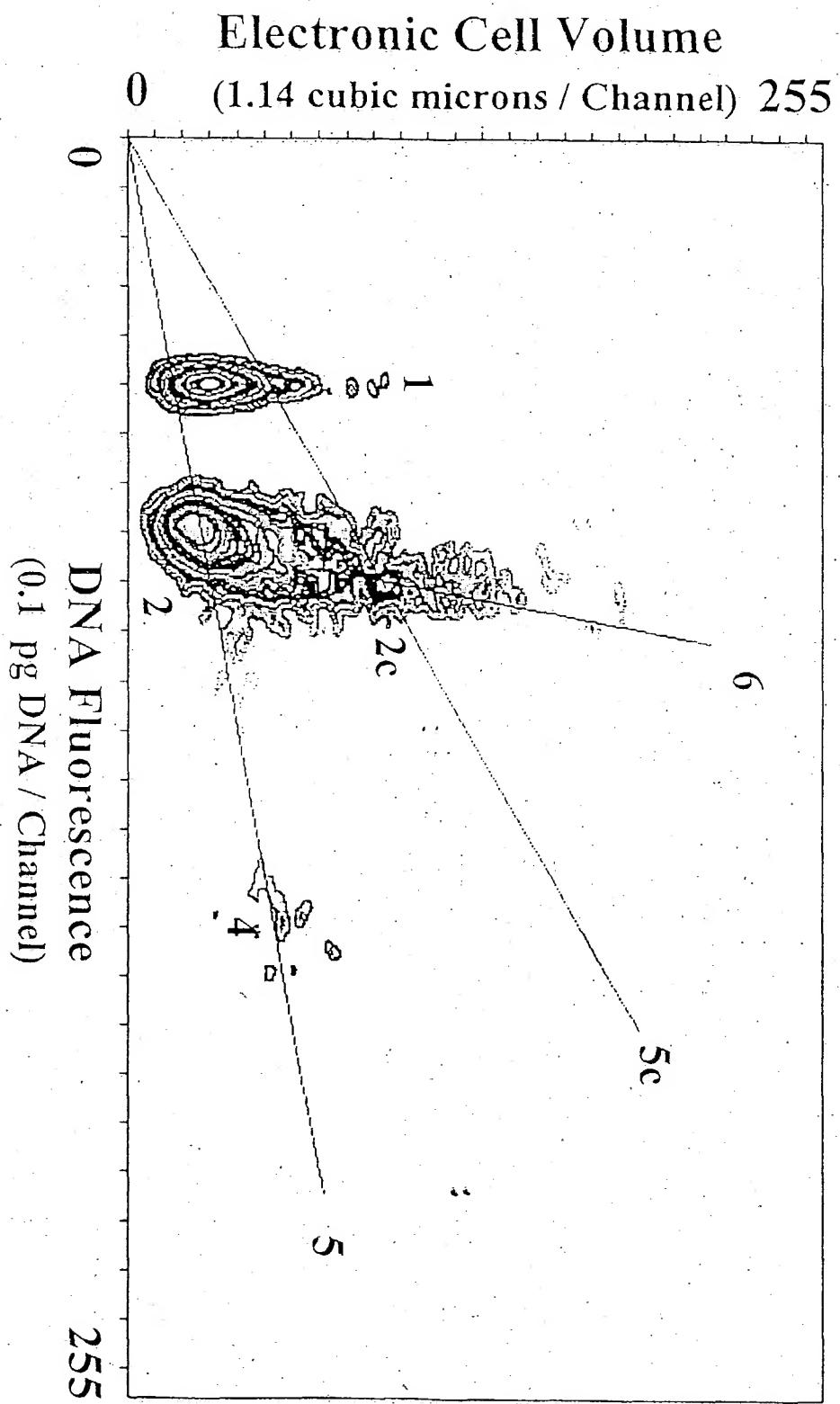


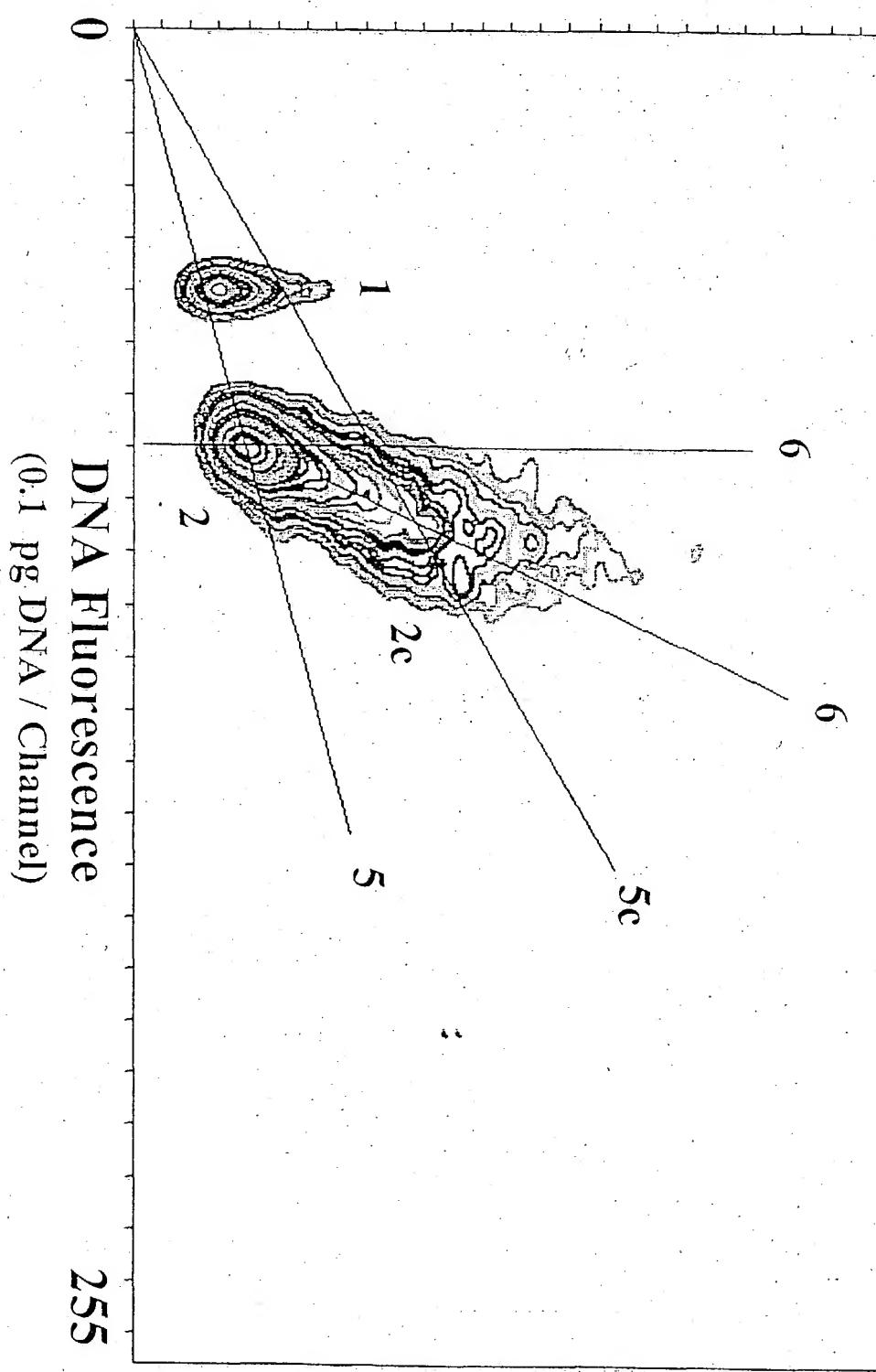
Figure 3c

Title: Nuclear Packing Efficiency
Inventor: Richard A. Thomas
Filing Date: Herewith
Attorney Client-Matter No.: P-RT 3600
(858-535-9001)

12/24

Electronic Cell Volume

0 (1.2 cubic microns / Channel) 255



Gastric Cancer

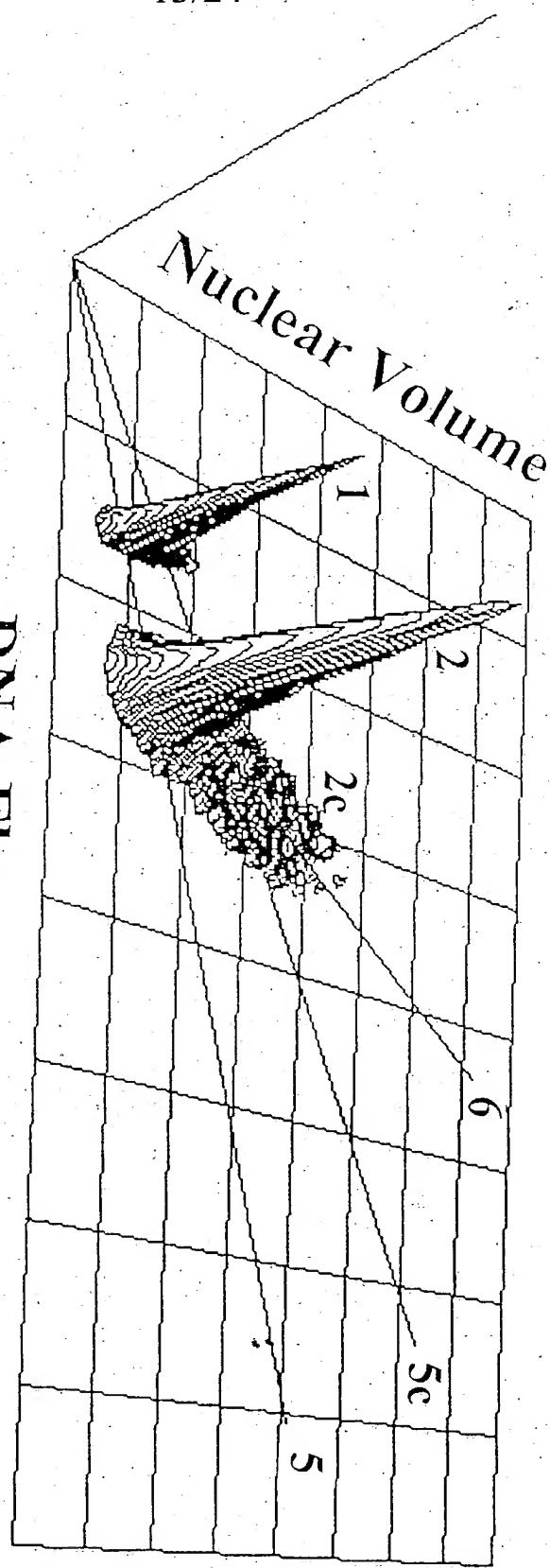
Figure 4a

13/24

Gastric Cancer

DNA Fluorescence

Figure 4b



14/24

Prostate Cancer

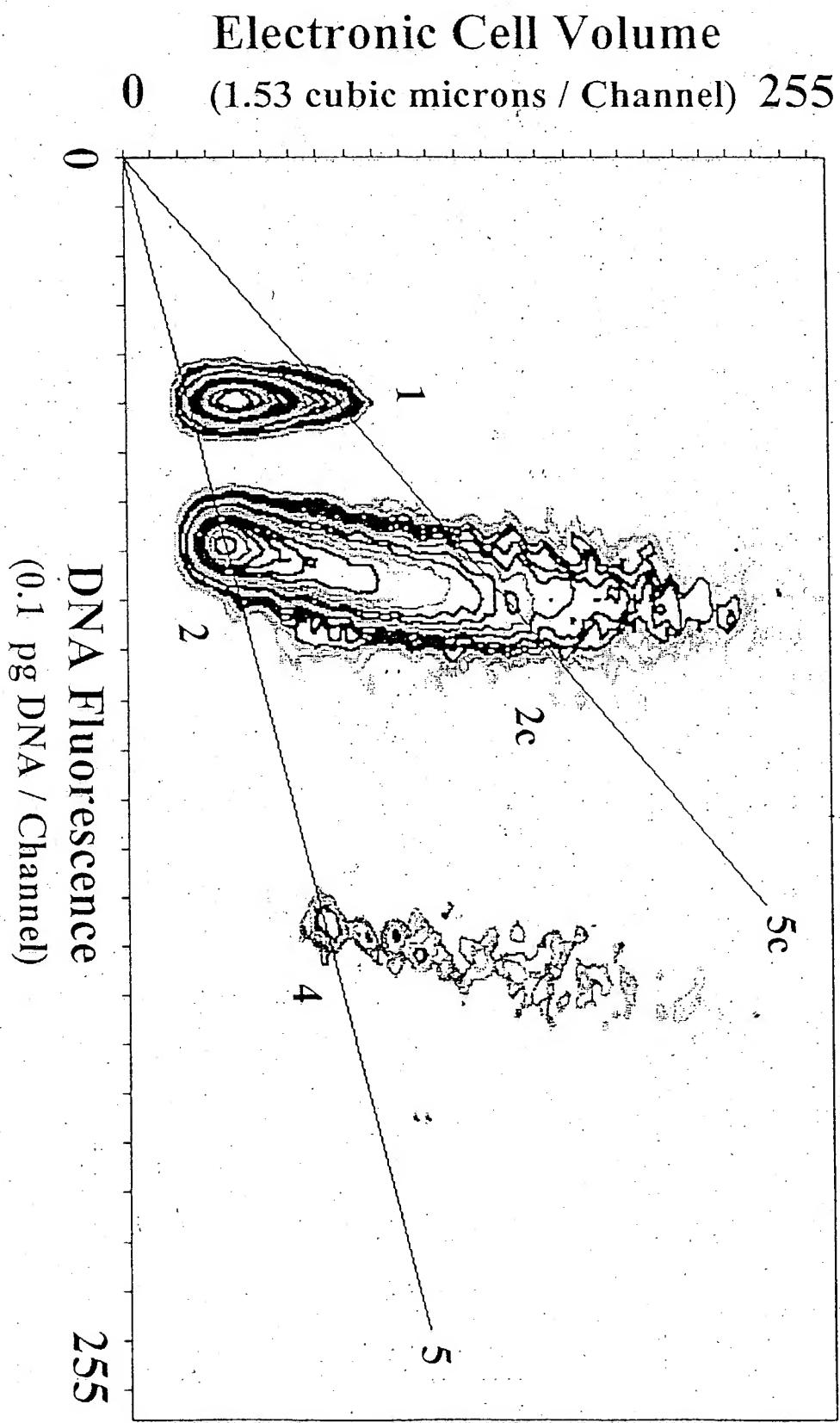


Figure 4c

15/24

Ovarian Cancer

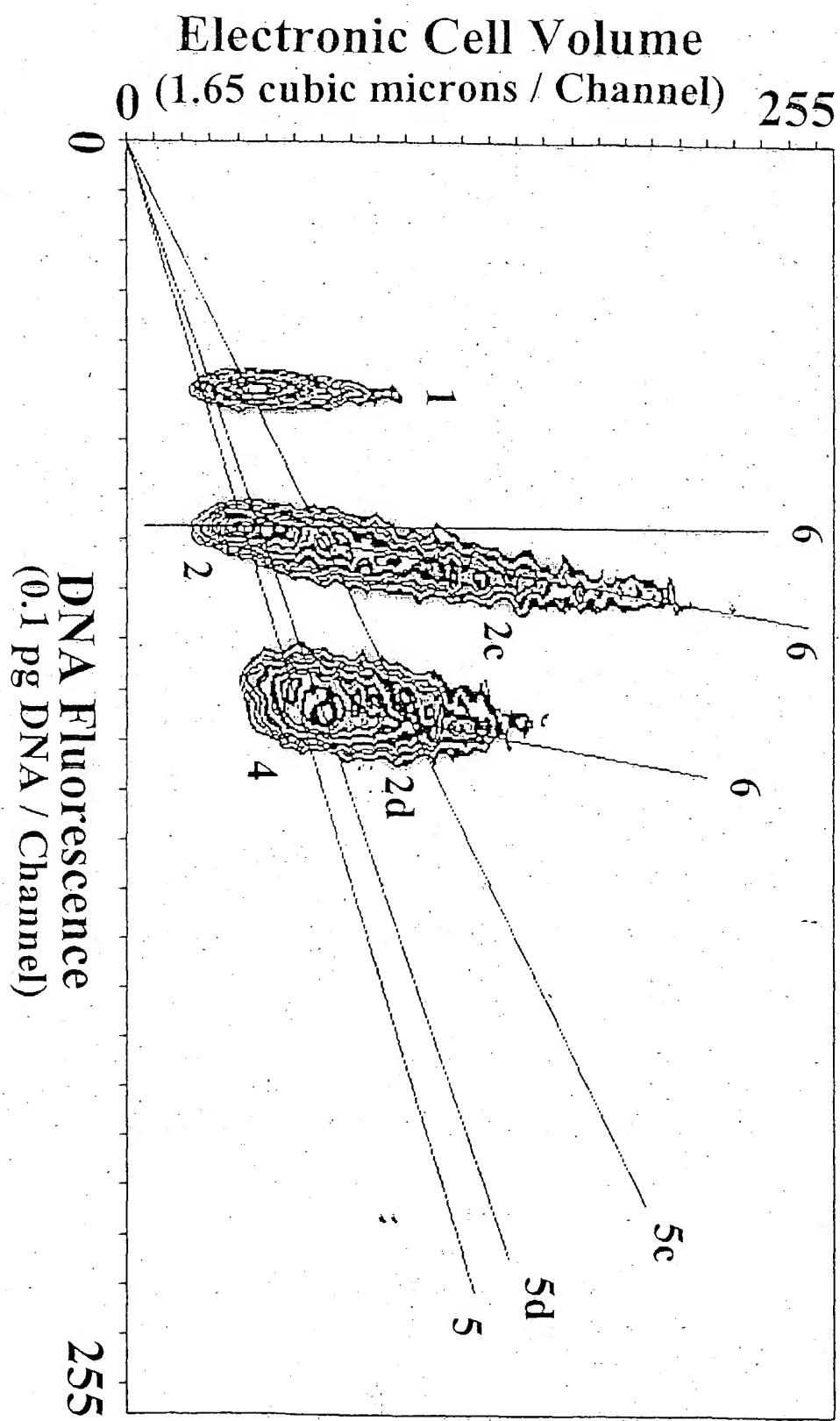


Figure 4d

16/24

Ovarian Cancer

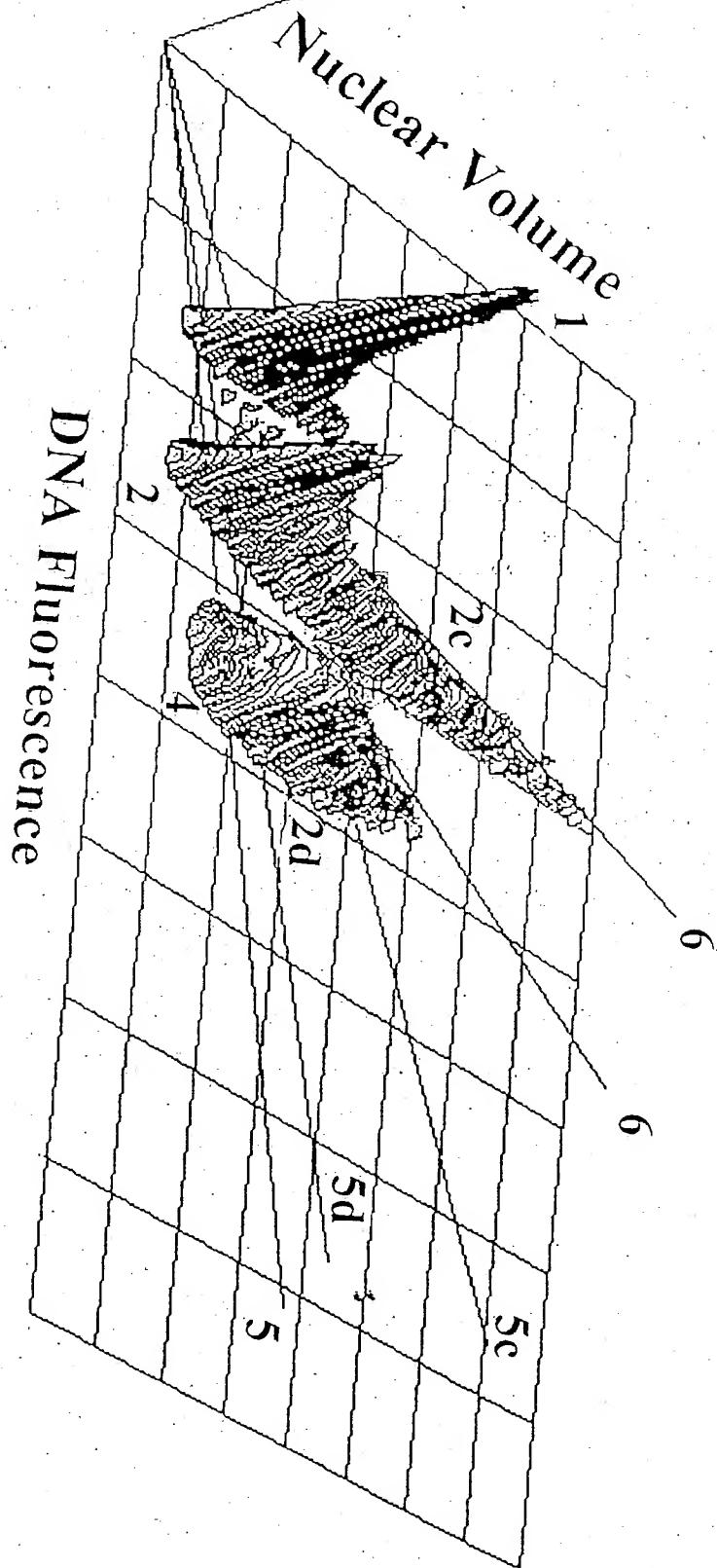
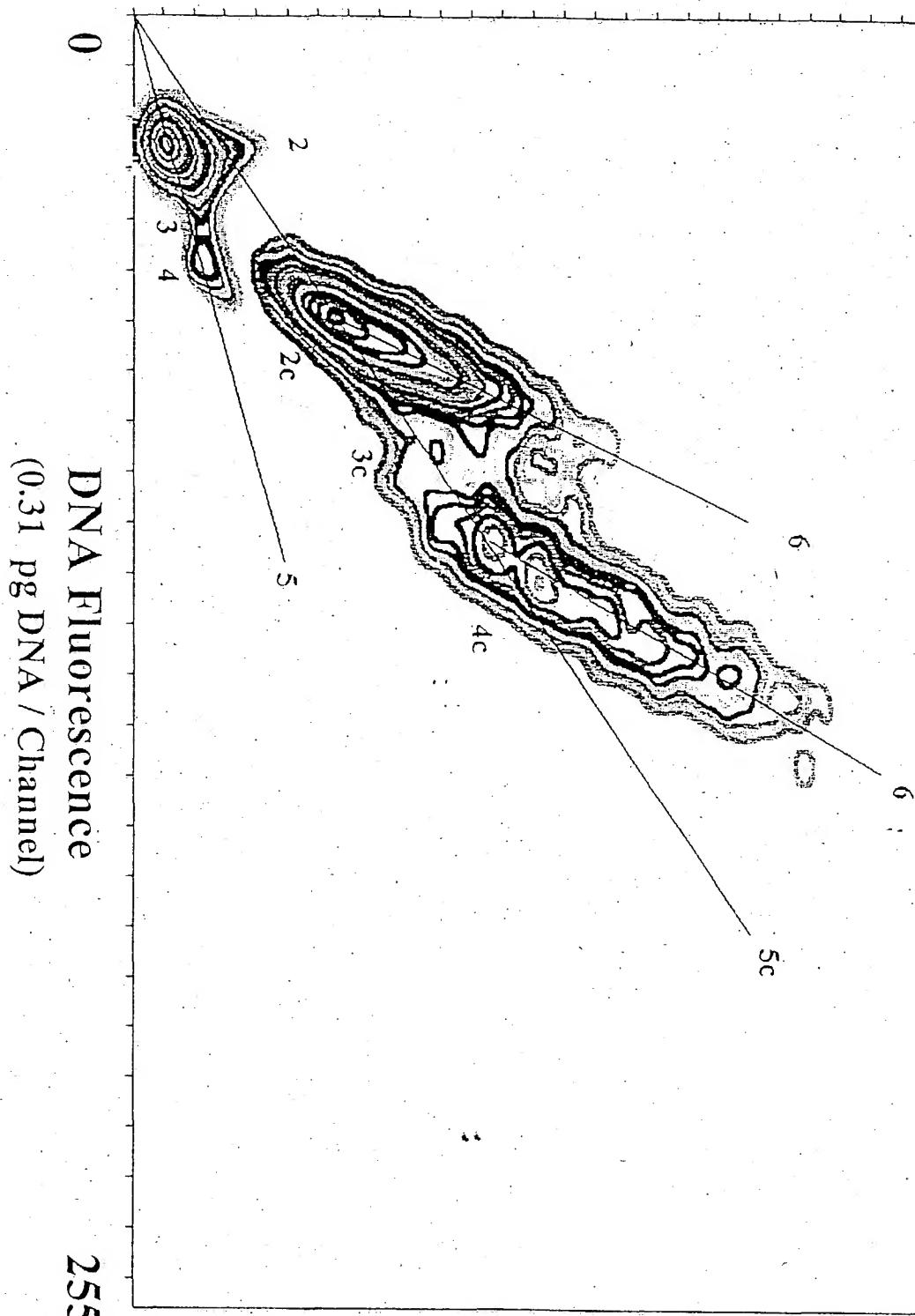


Figure 4e

17/24
Electronic Cell Volume

0 (2.17 cubic microns / Channel) 255



Lung Cancer

DNA Fluorescence
(0.31 pg DNA / Channel)

255

Figure 4f

18/24

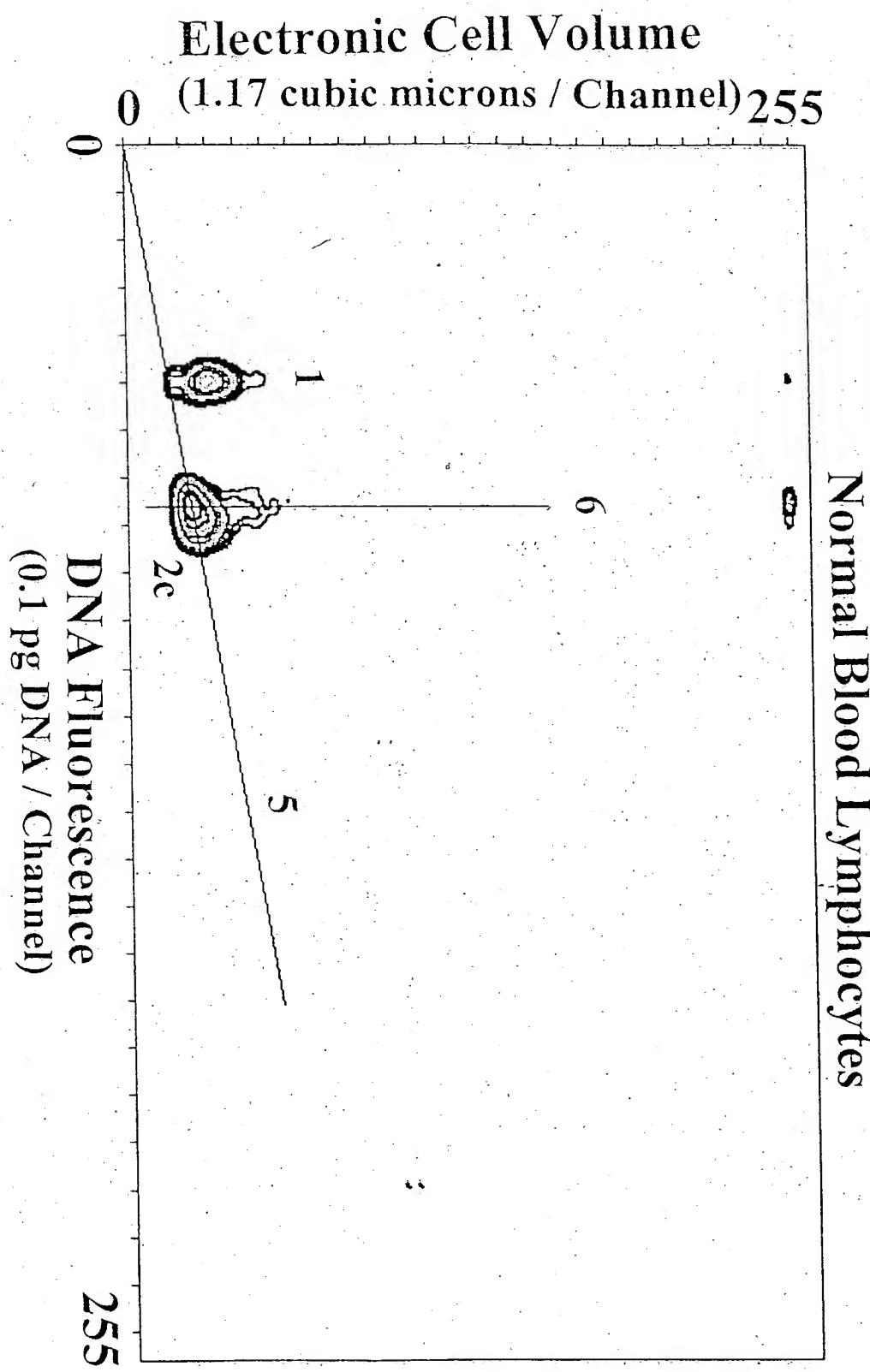
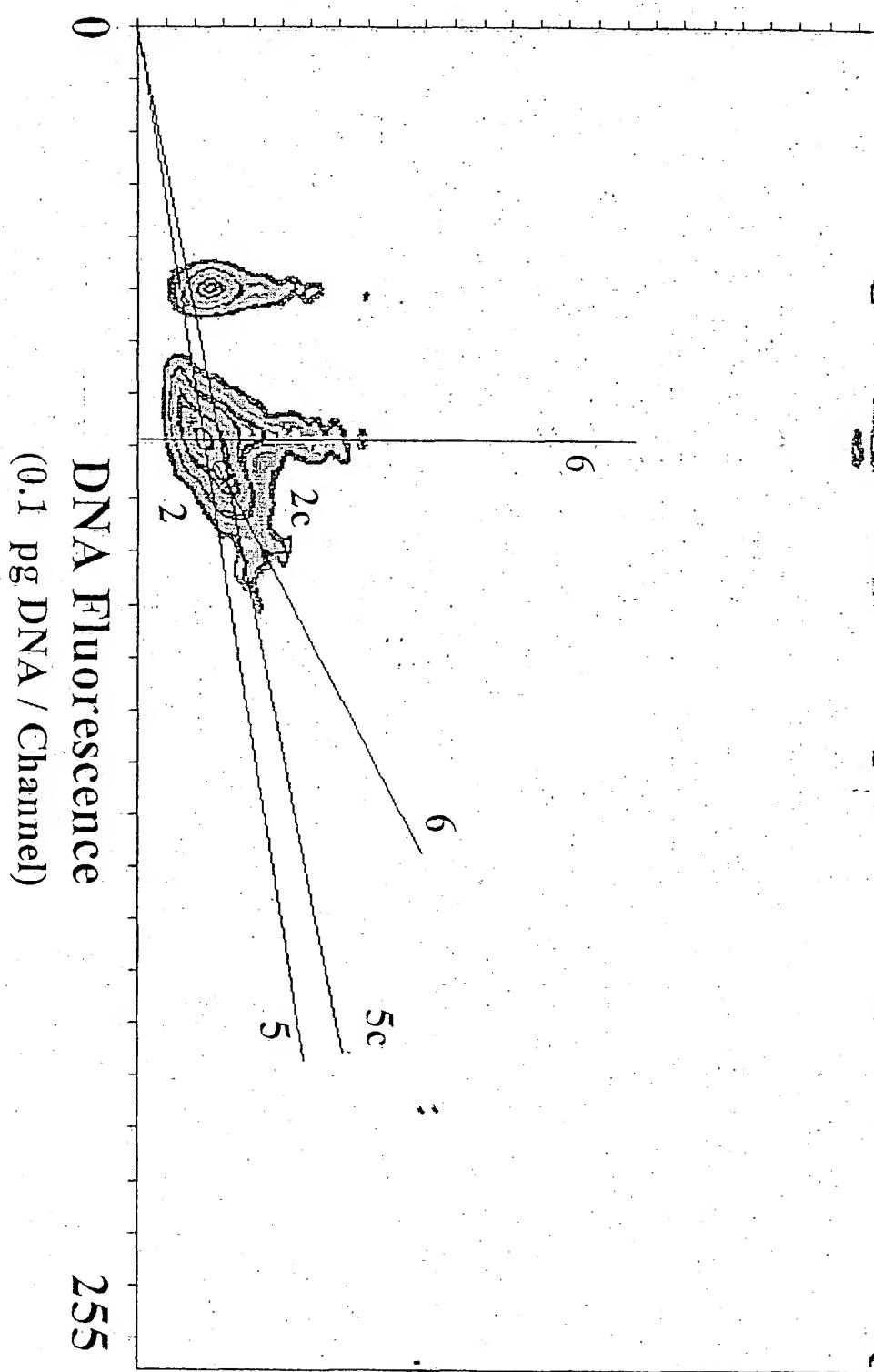


Figure 5a

19/24

Electronic Cell Volume

0 (1.04 cubic microns / Channel) 255



Chronic Lymphocytic Leukemia

Figure 5b

20/24

Normal Blood
With Activated Lymphocytes

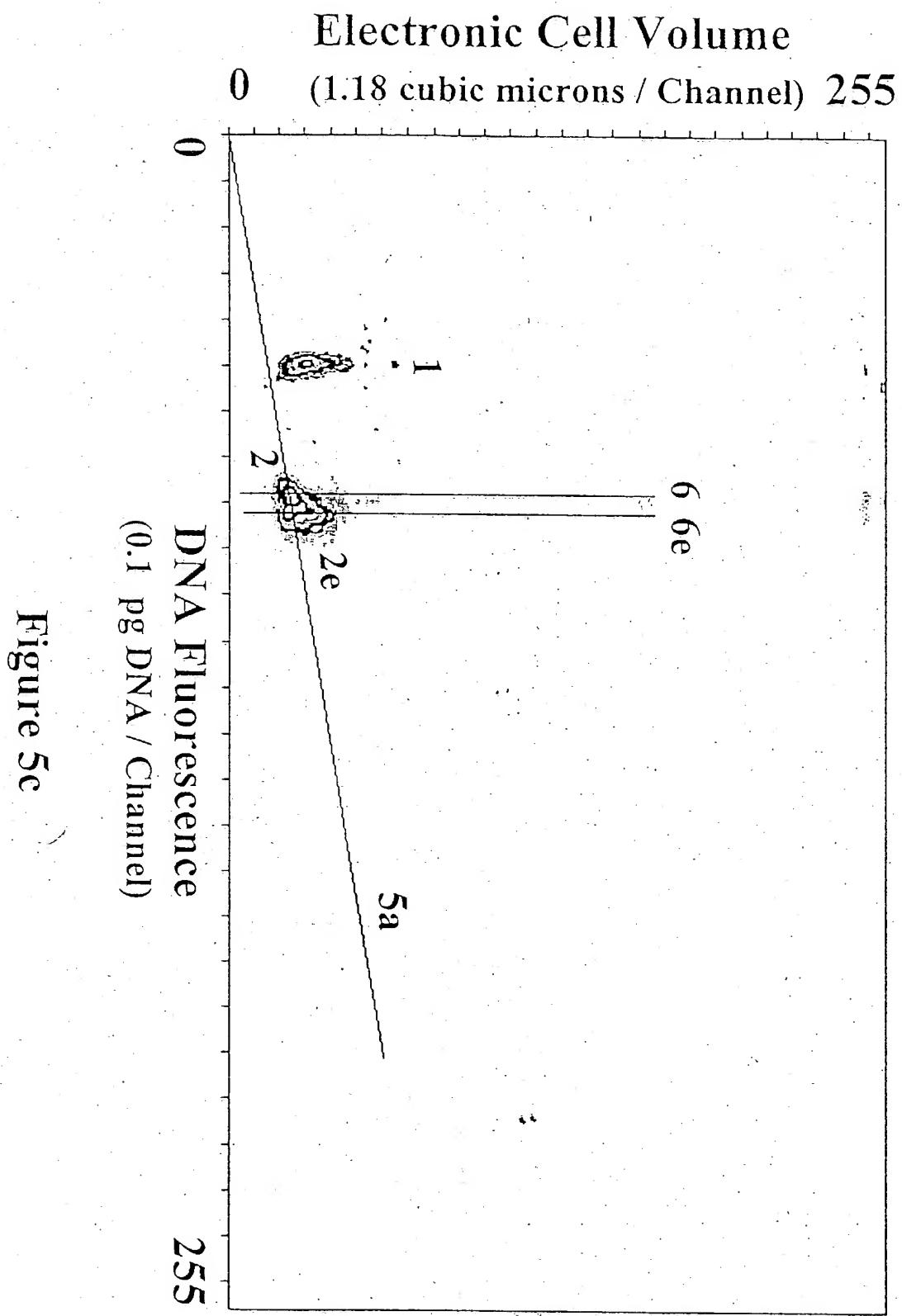


Figure 5c

21/24

Mouse Cell Line P388

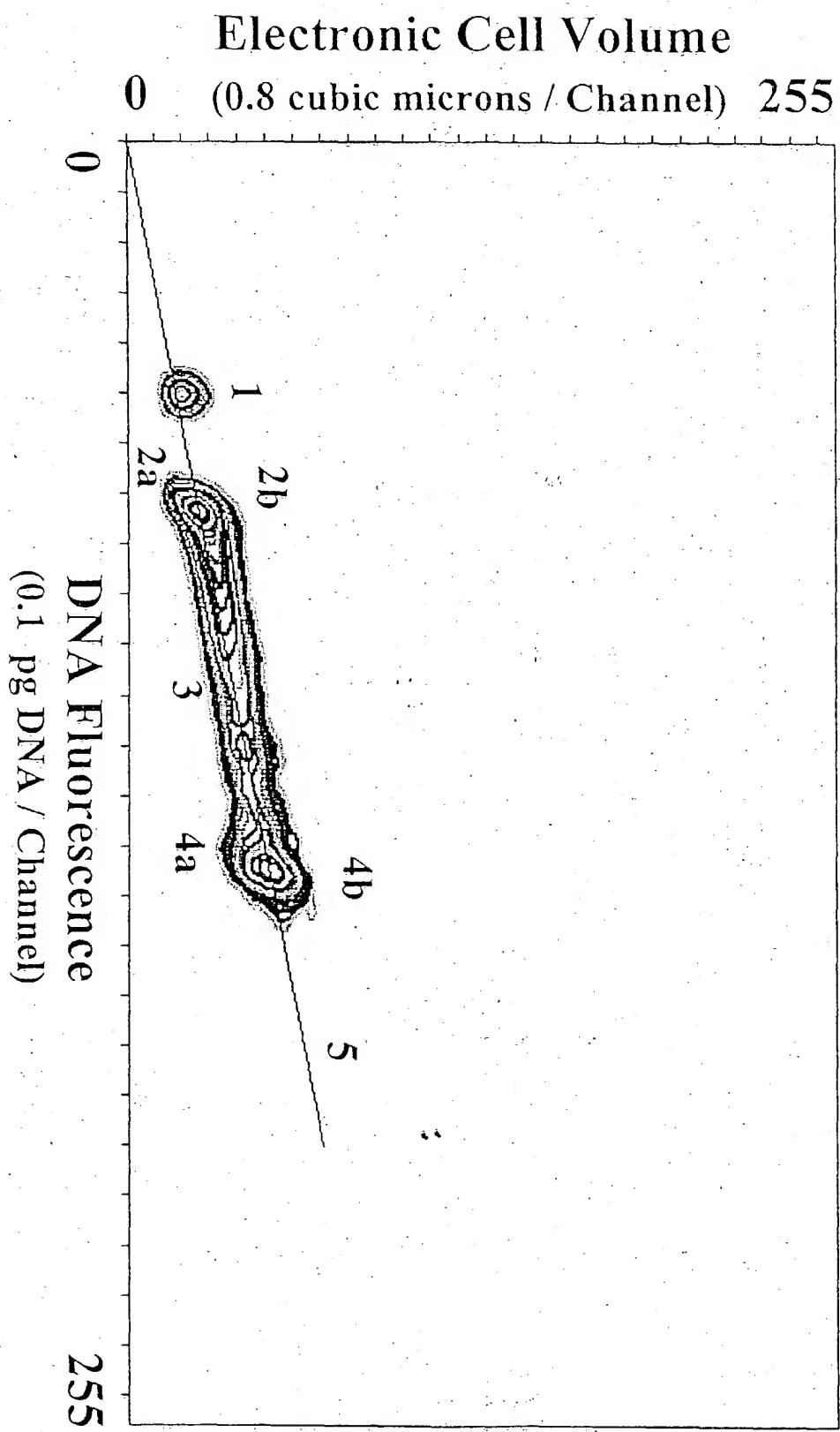


Figure 6a

22/24

Apoptosis of WEHI Cell Line

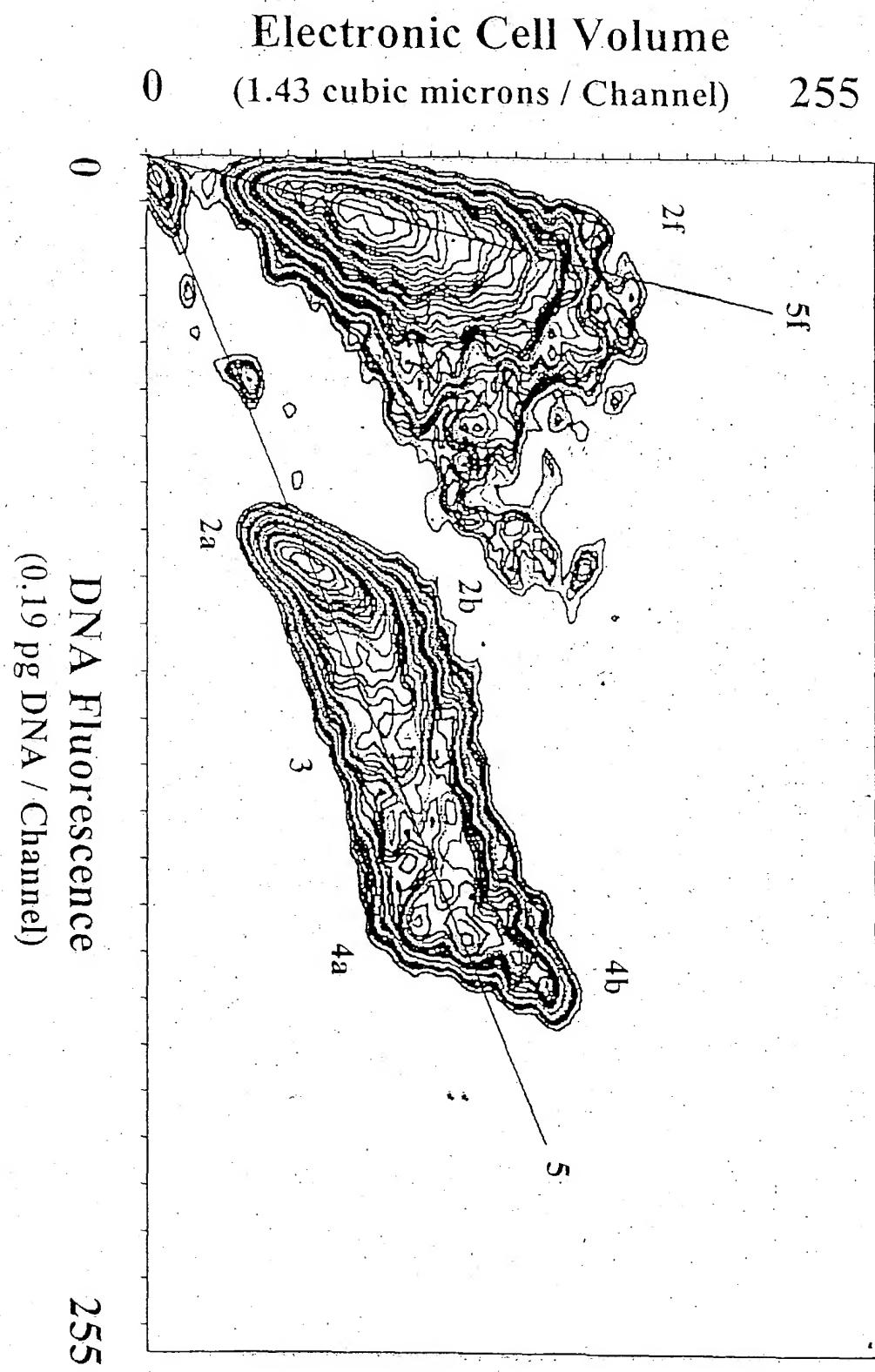
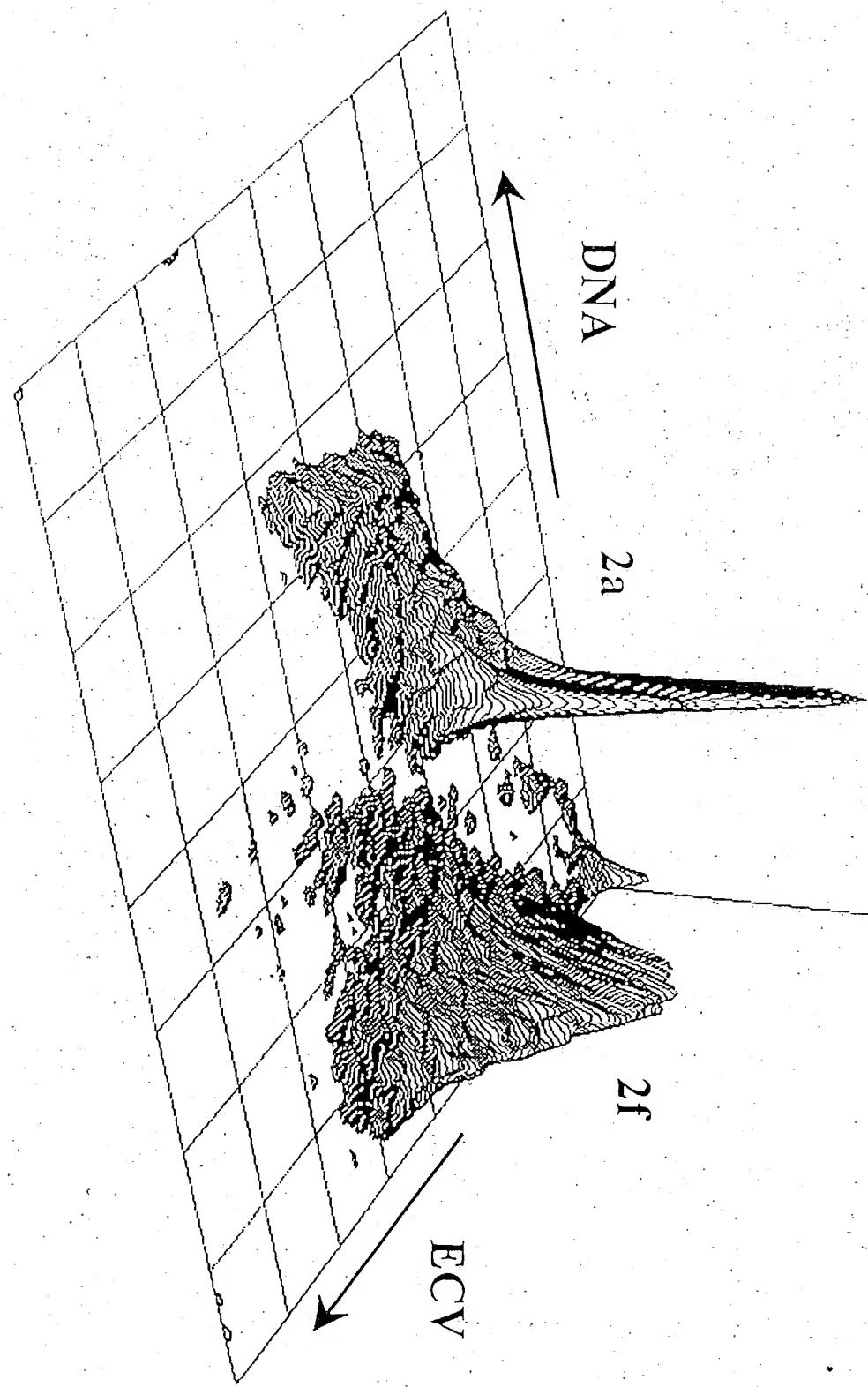


Figure 6b

23/24

Apoptosis of WEHI Cell Line

Figure 6c



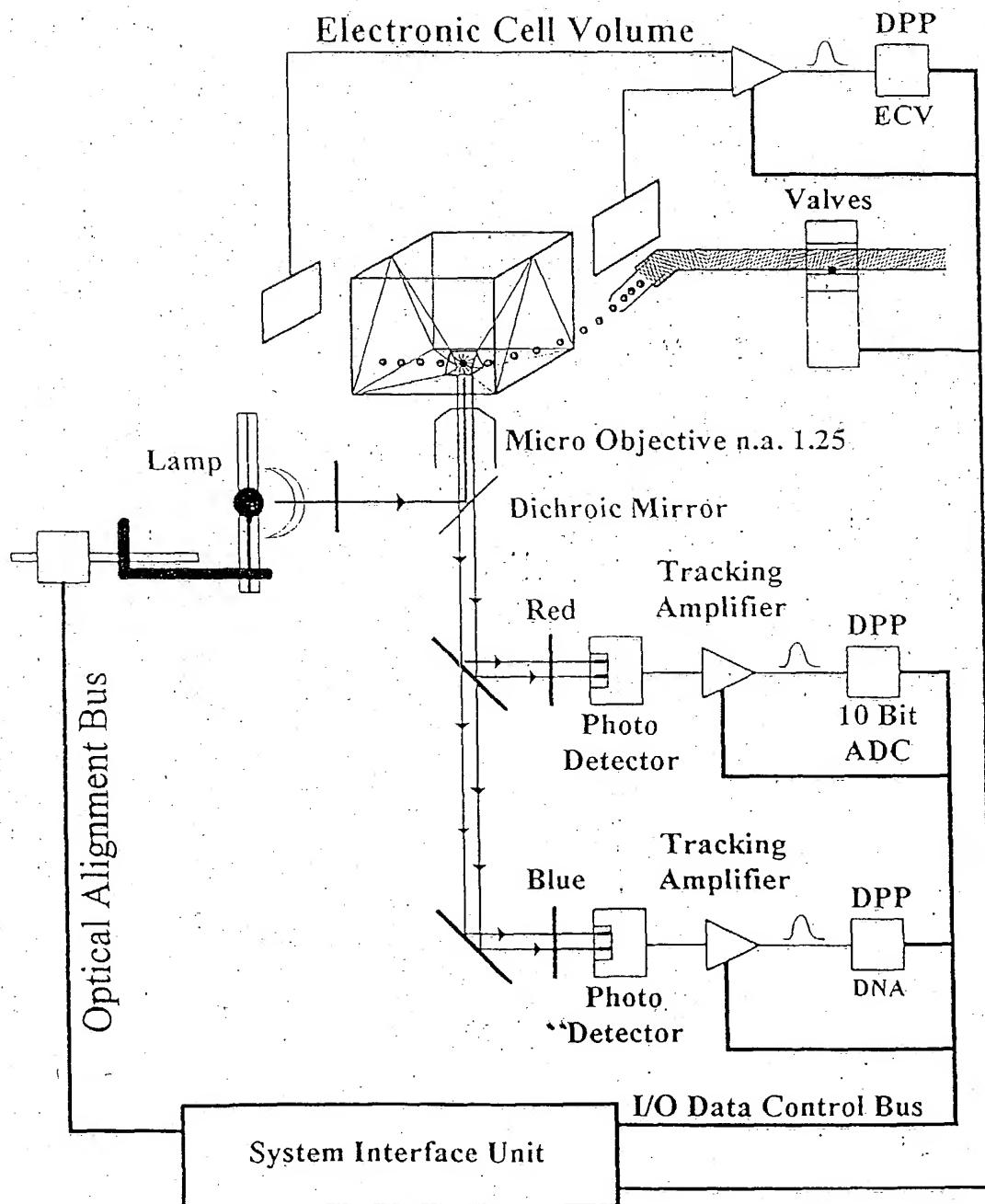


Figure 7